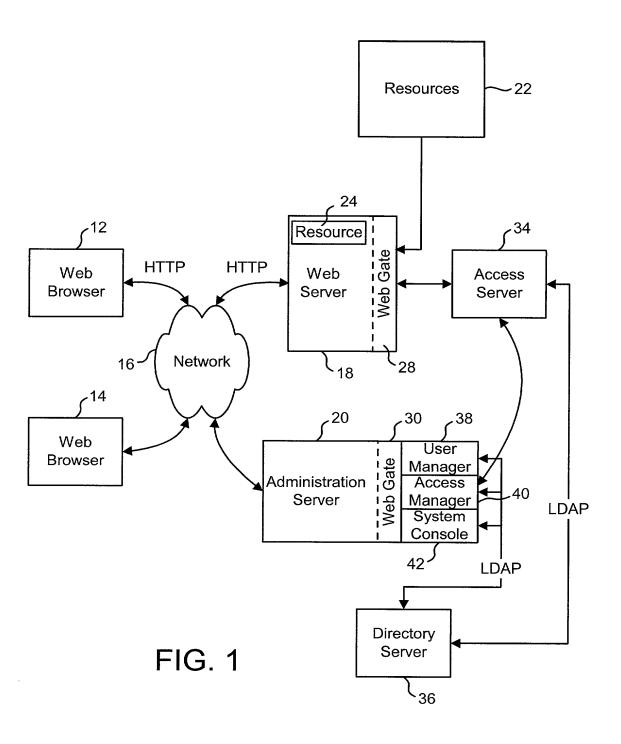
sheet 1 of 50 steet 1 of 50 st

Title: ACCESS SYS Applicant: Knouse, et al.

Appl. No.: Unknown
Filing Date: March 21, 2001

Docket: Atty: Phone:

OBLX-01022US0 Burt Magen (415) 369-9660



Sheet 2 of 50 Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

output · 58 devices Memory 52 -Input - 60 **Devices** 50 · Processor Portable - 62 Storage Mass 54 Storage Graphics Output Subsystem Display Peripherals 56 -64 66

FIG. 2

Mr. Marie Marie Control State Control Marie Mari

Sheet 3 of 50 ACCESS SYSTEM INTERFACE Title:

Applicant: Knouse, et al. Appl. No.: Unknown OBLX-01022US0 Docket: Burt Magen (415) 369-9660 Atty: Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US Phone:

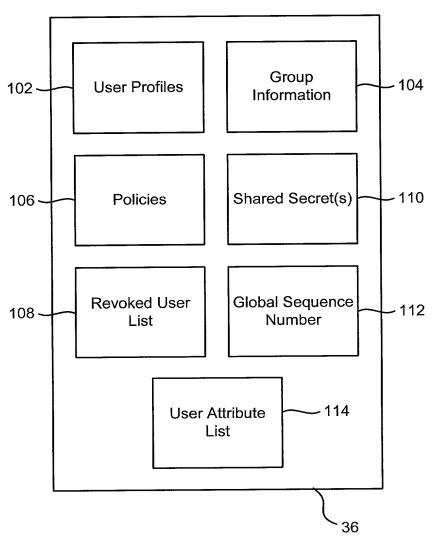


FIG. 3

Sheet 4 of 50
Title: ACCESS SYSTEM INTERFACE

Applicant:Knouse, et al.Docket:OBLX-01022US0Appl. No.:UnknownAtty:Burt MagenFiling Date:March 21, 2001Phone:(415) 369-9660

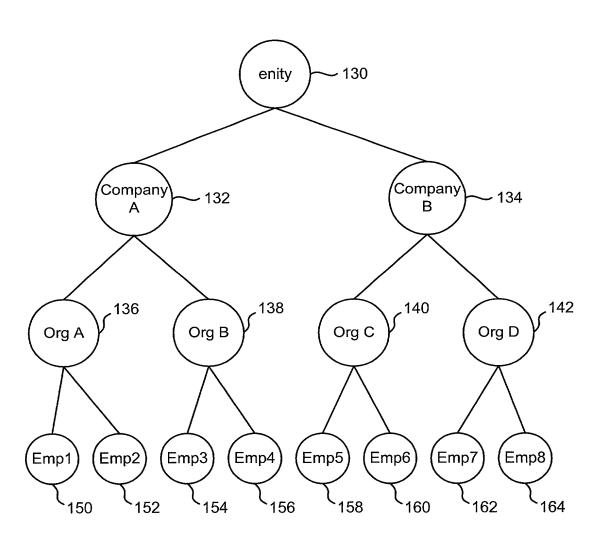


FIG. 4

Sheet 5 of 50 ACCESS SYSTEM INTERFACE Knouse, et al.

Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US

Phone:

OBLX-01022US0 Docket: Burt Magen Atty: (415) 369-9660

Unknown

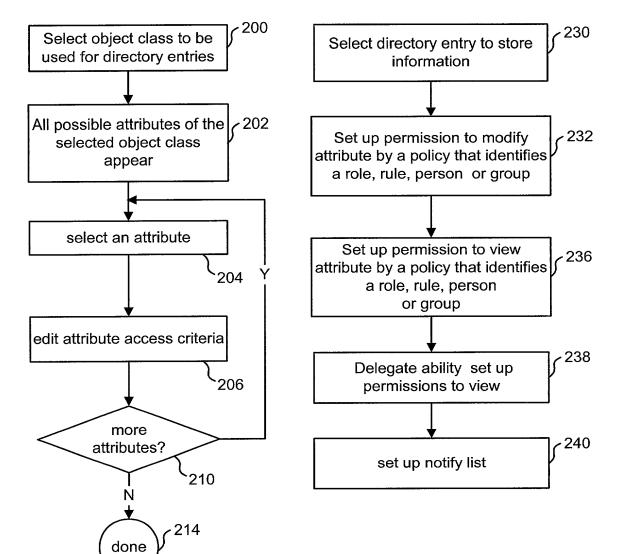


FIG. 6

FIG. 5

Sheet 6 of 50 E: ACCESS SYSTEM INTERFACE

Title: ACCESS SYSTE
Applicant: Knouse, et al.
Appl. No.: Unknown
Filing Date: March 21, 2001

Docket: Atty: Phone:

OBLX-01022US0 Burt Magen (415) 369-9660

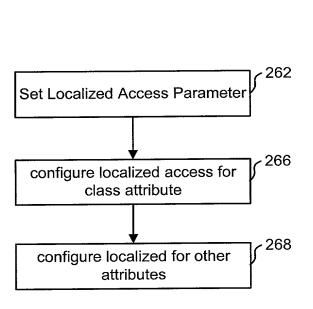


FIG. 7

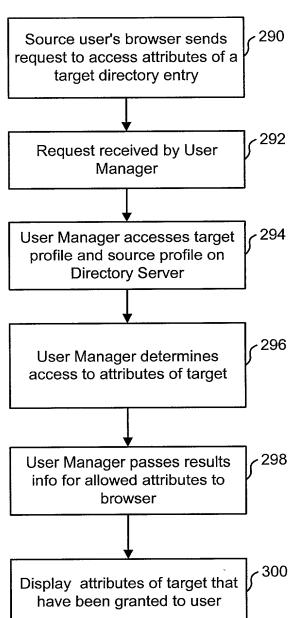
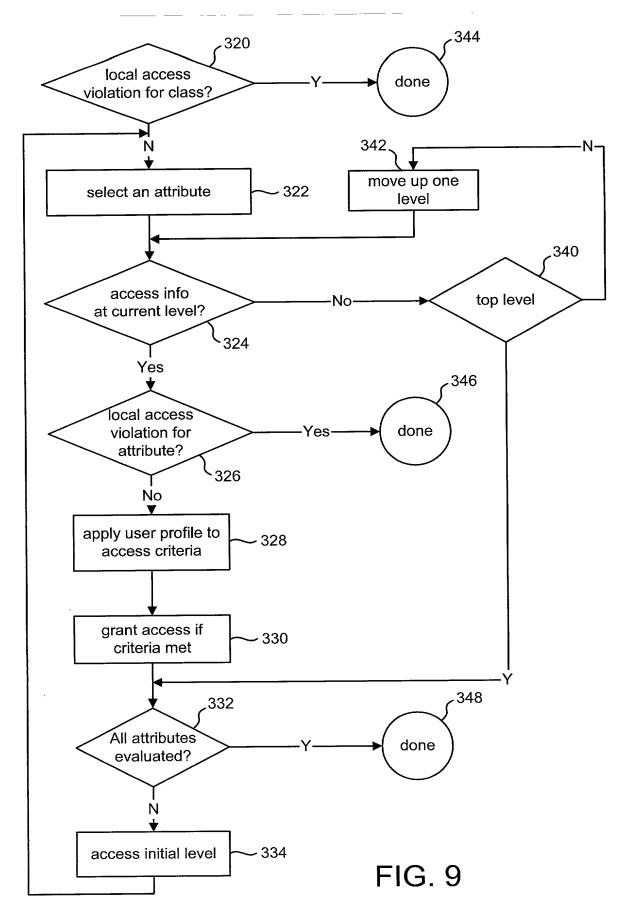


FIG. 8

Sheet 7 of 50 le: ACCESS SYSTEM INTERFACE

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Sheet 8 of 50 le: ACCESS SYSTEM INTERFACE

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US

360 Ν is local access parameter set? 364 is Ν class attribute config for local access? 366 Υ filter satisfied? 368 local access violation no local access 362 violation

380 Ν is local access parameter set? 384 is Ν attribute config for local access? 386 Υ filter satisfied? 388 local access violation no local access - 382 violation

FIG. 10

FIG. 11

Sheet 9 of 50 ACCESS SYSTEM INTERFACE Title: Applicant: Knouse, et al. Docket:

Appl. No.: Unknown Filing Date: March 21, 2001

OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-9660

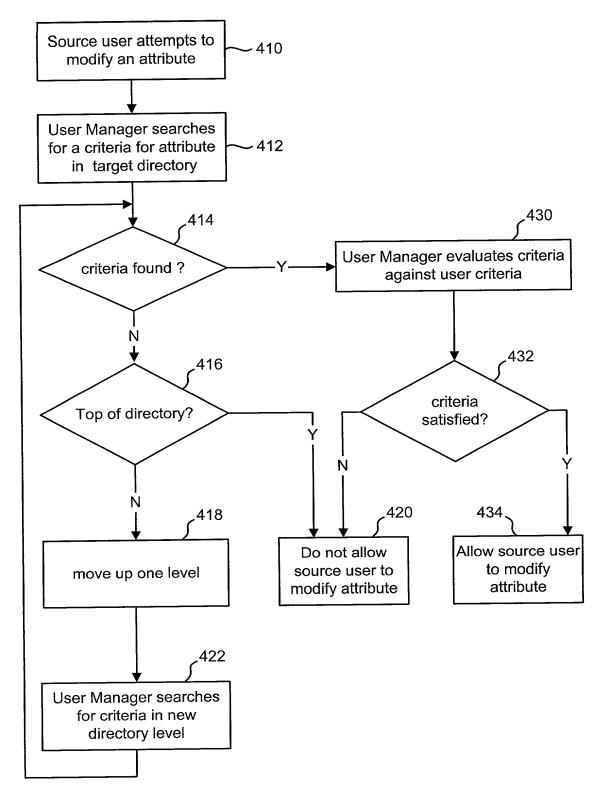


FIG. 12

Sheet 10 of 50 ACCESS SYSTEM INTERFACE:

Applicant: Knouse, et al.
Appl. No.: Unknown
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Docket: OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-9660

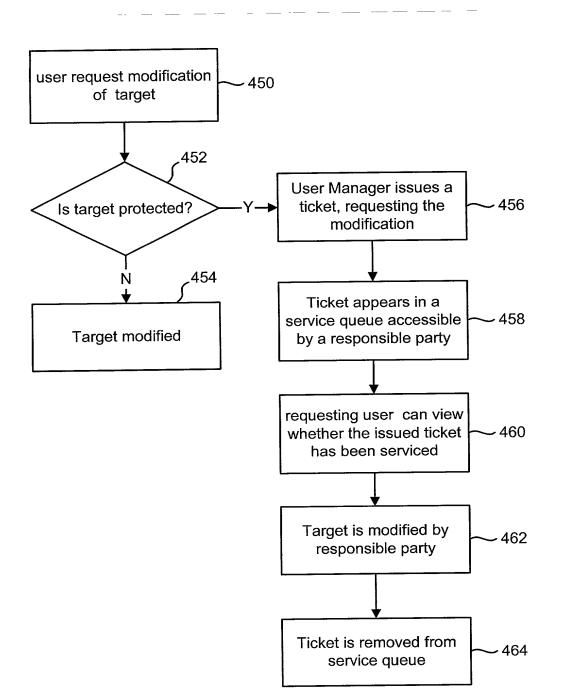


FIG. 13

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ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Appl. No.: Unknown

Atty: Phone:

Sheet 11 of 50

Docket: OBLX-01022US0 Burt Magen (415) 369-9660

Filing Date: March 21, 2001

Express Mail No.: EF 277 209 419 US

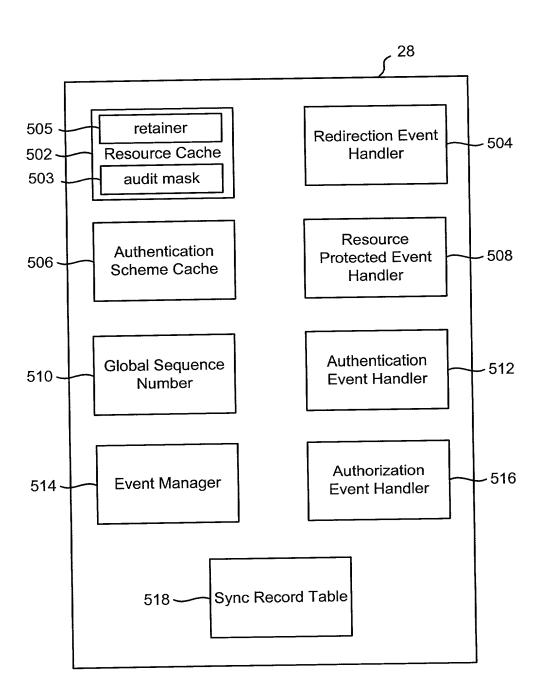


FIG. 14

Arrest Jun 18 35 l<sub>n</sub>i Sheet 12 of 50 le: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660

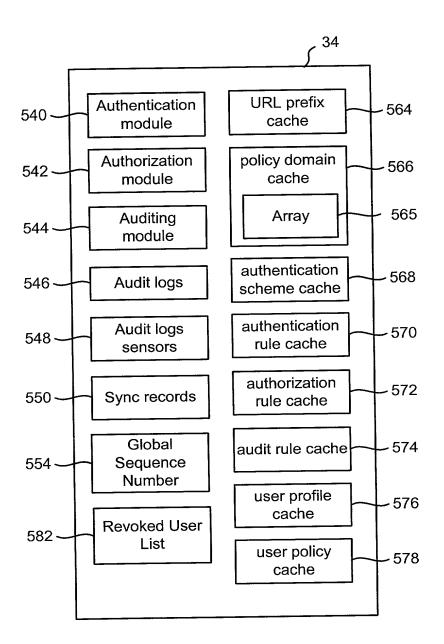


FIG. 15

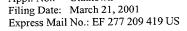
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ļ-5 13 Applicant: Knouse, et al. Appl. No.:

Unknown

Docket: Atty: Phone:

OBLX-01022US0 Burt Magen (415) 369-9660



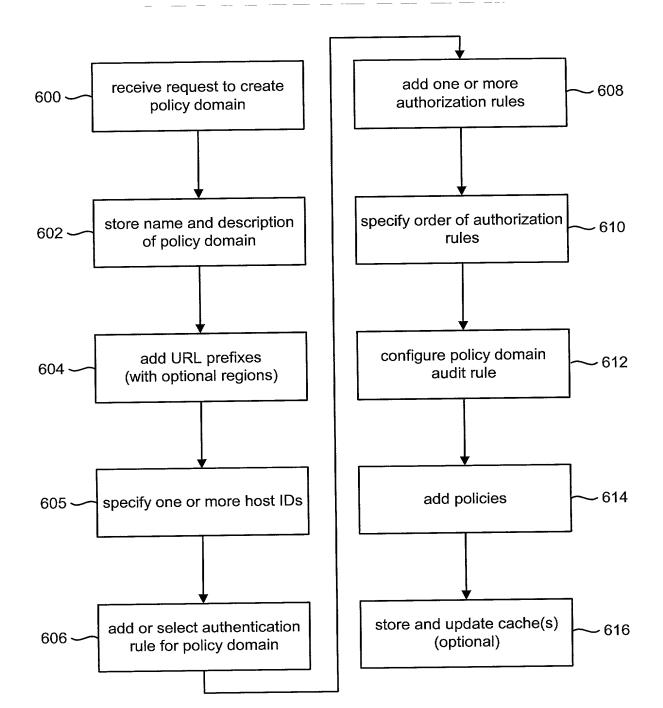


FIG. 16

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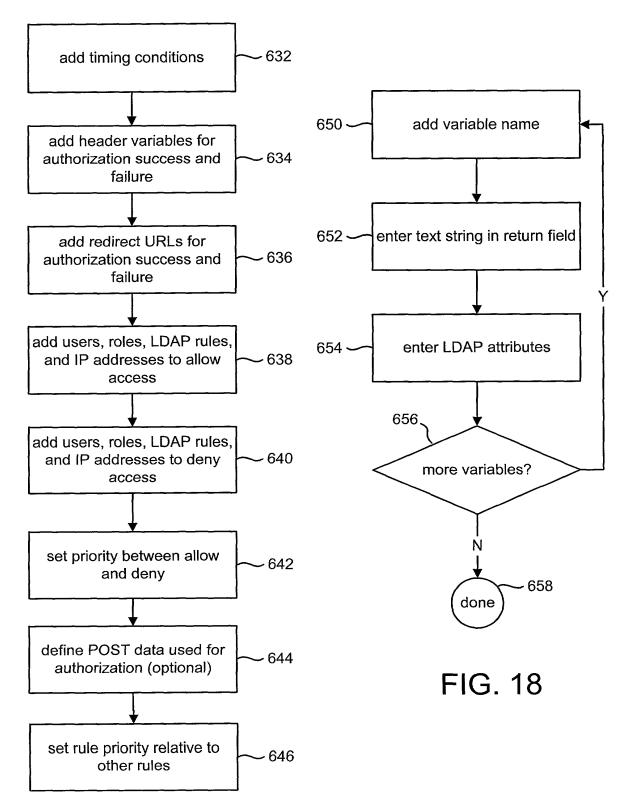
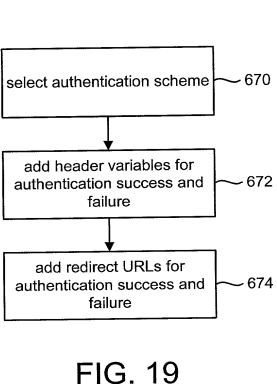


FIG. 17

Docket: Atty: Phone:

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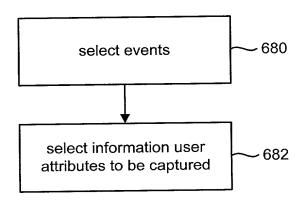


FIG. 20

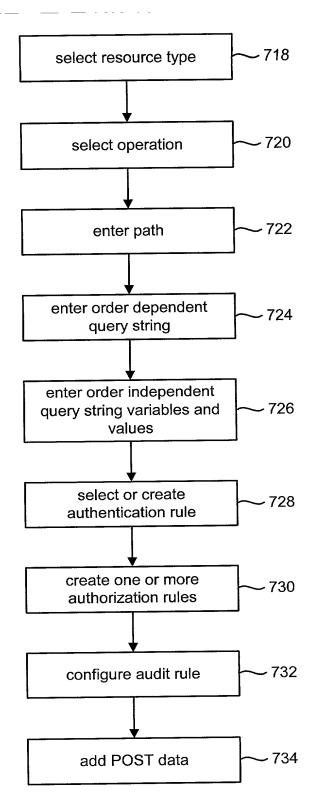


FIG. 21

Title:

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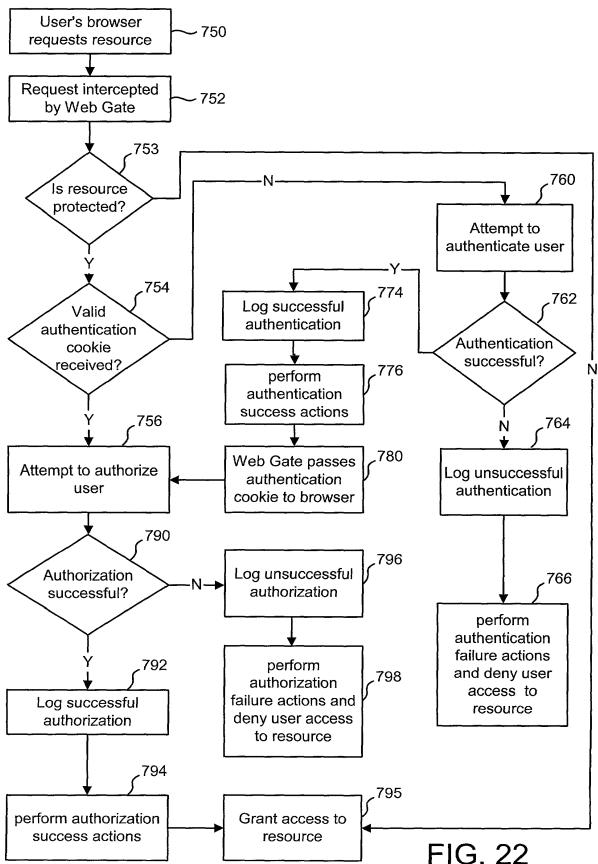
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ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Appl. No.: Unknown Filing Date: March 21, 2001 Docket: Atty:

OBLX-01022US0 Burt Magen (415) 369-9660 Phone:

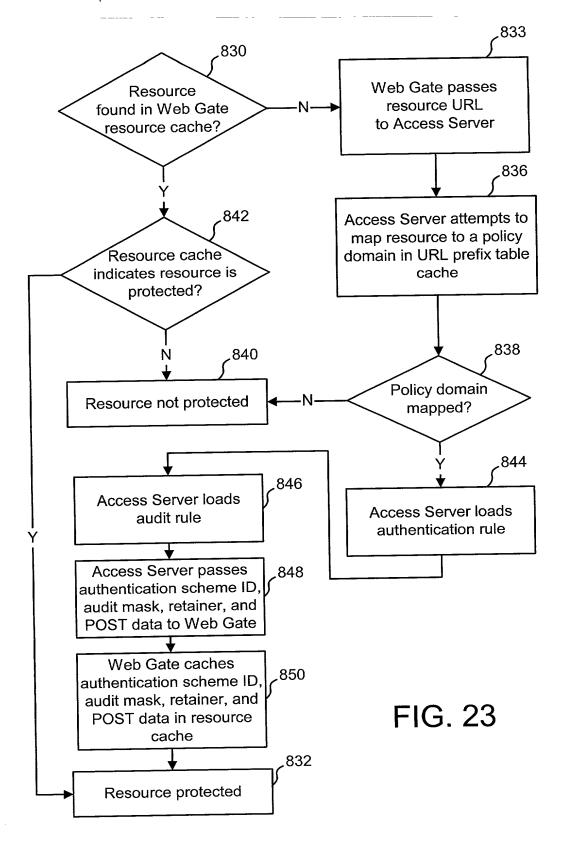




Sheet 17 of 50
Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al.
Appl. No.: Unknown
Filing Date: March 21, 2001

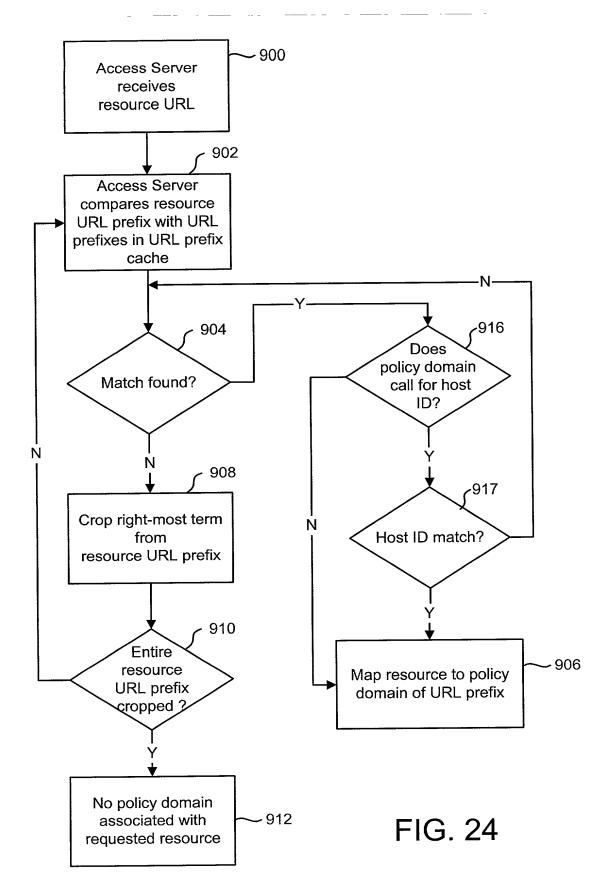
Docket: OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-9660



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Sheet 18 of 50 title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660



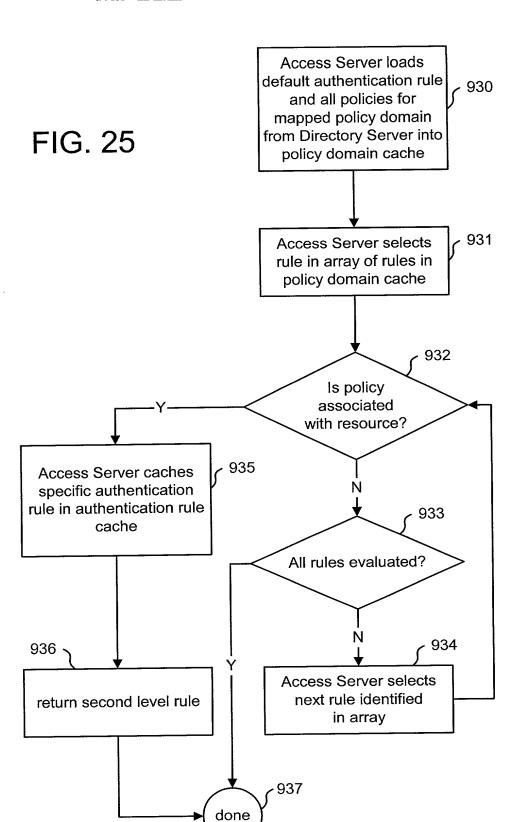
ACCESS SYSTEM INTERFACE Knouse, et al.

Docket: OBLX-01022US0

Applicant: Appl. No.: Unknown Filing Date: March 21, 2001

Atty: Phone:

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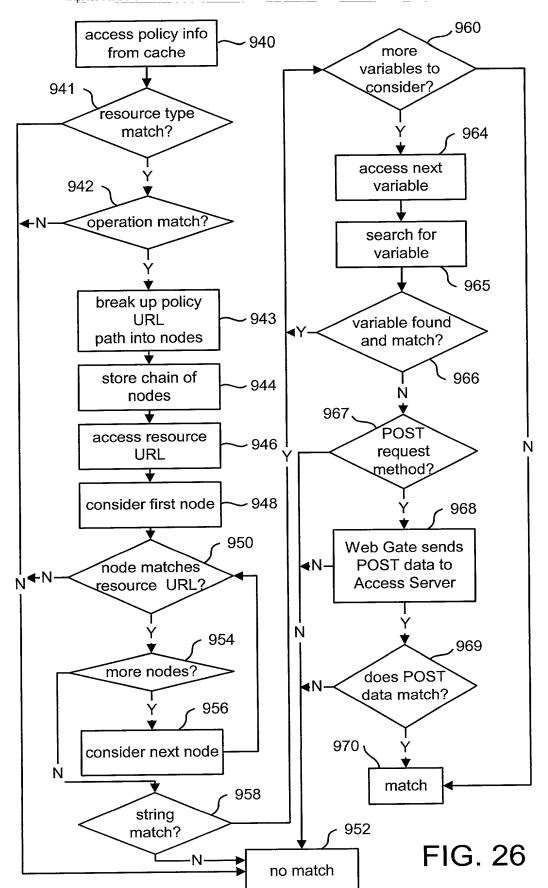
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Docket:

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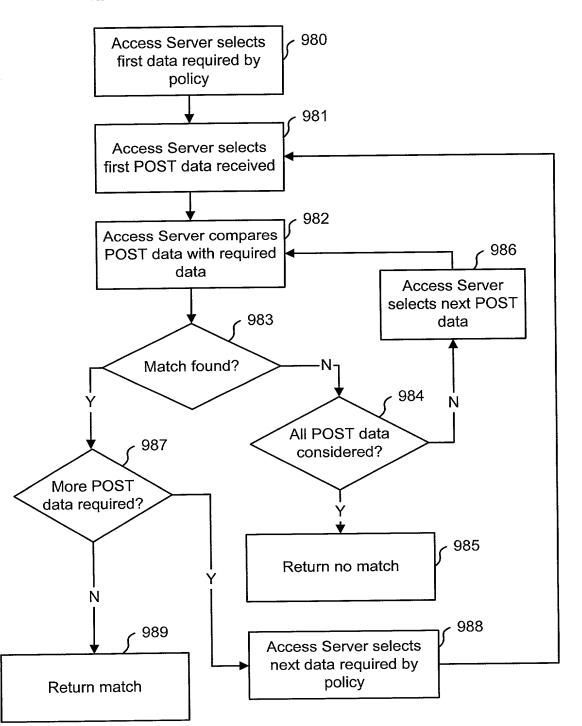


FIG. 26A

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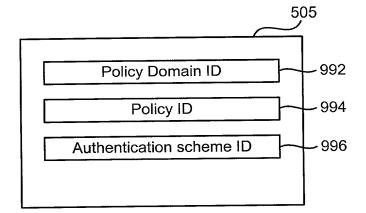


FIG. 27

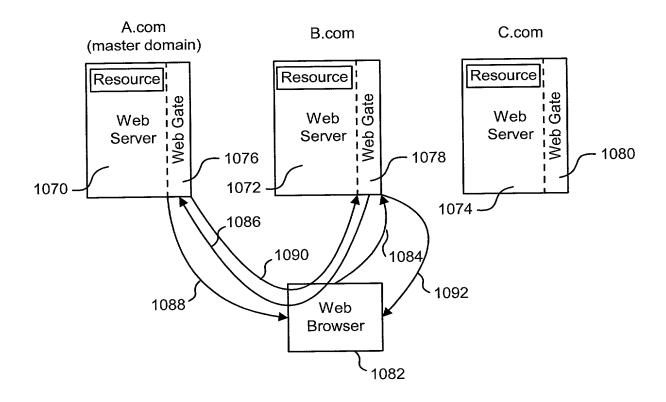


FIG. 29

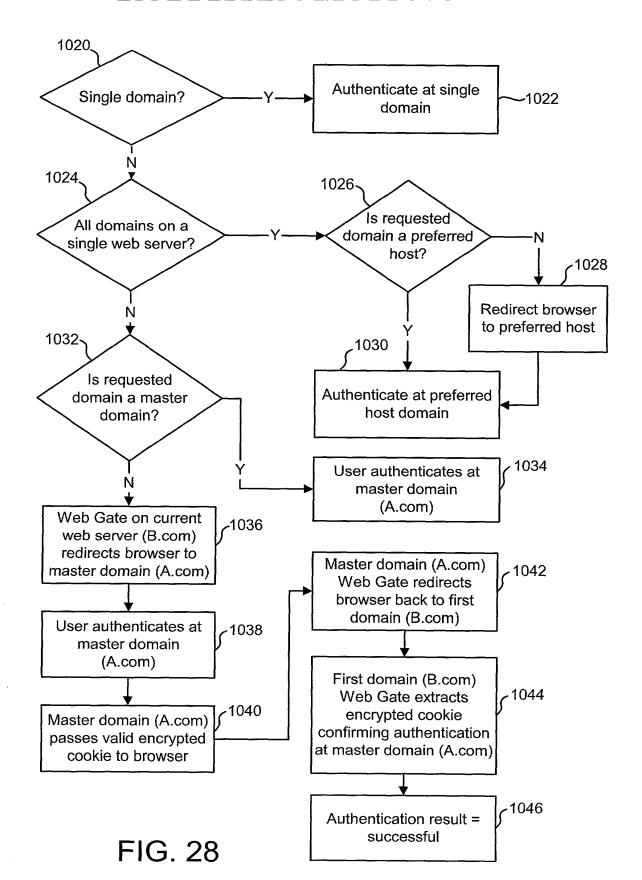
Appl. No.:

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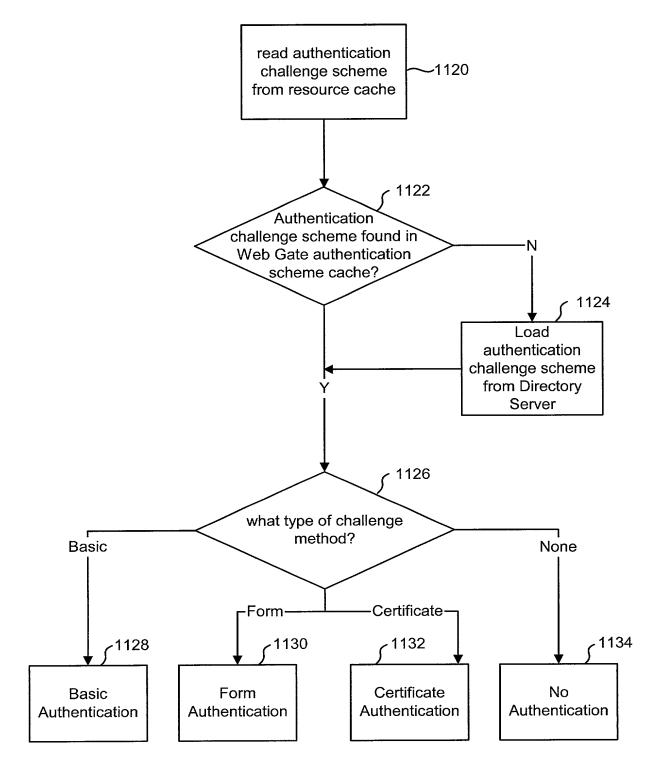


FIG. 30

Sheet 25 of 50

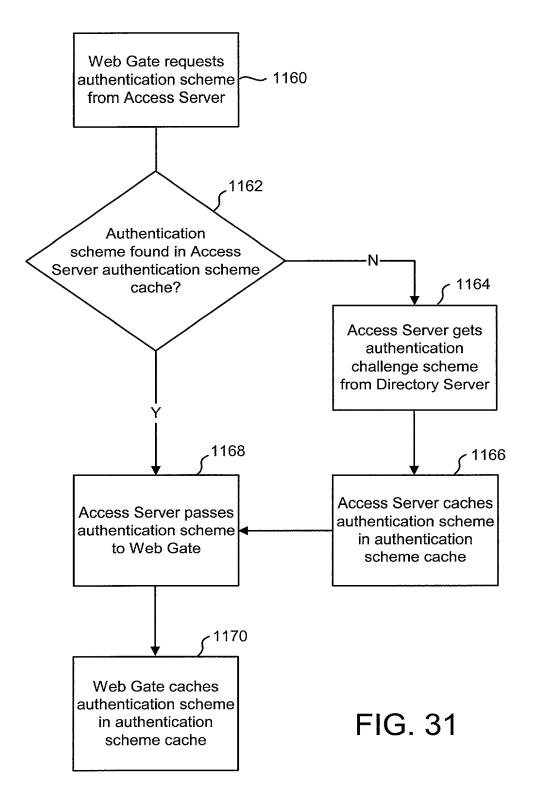
ACCESS SYSTEM INTERFACE Title:

Applicant: Knouse, et al. Appl. No.: Unknown

Atty:

Docket: OBLX-01022US0 Burt Magen (415) 369-9660

Filing Date: March 21, 2001 Phone: Express Mail No.: EF 277 209 419 US



Sheet 26 of 50

ACCESS SYSTEM INTERFACE Applicant: Knouse, et al. Appl. No.: Unknown

Docket: OBLX-01022US0 Atty: Burt Magen (415) 369-9660 Phone:

Express Mail No.: EF 277 209 419 US

Filing Date: March 21, 2001

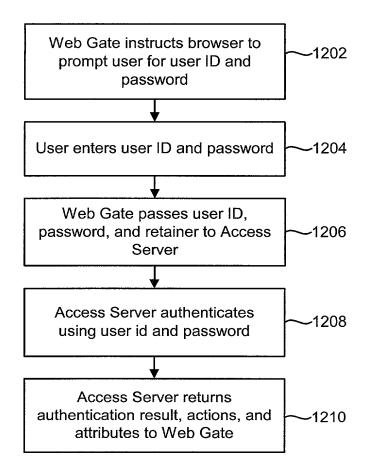


FIG. 32

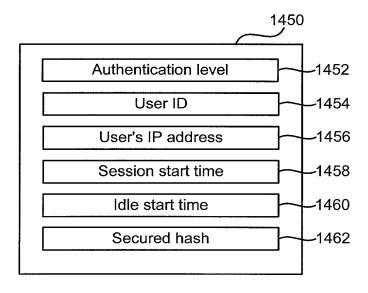
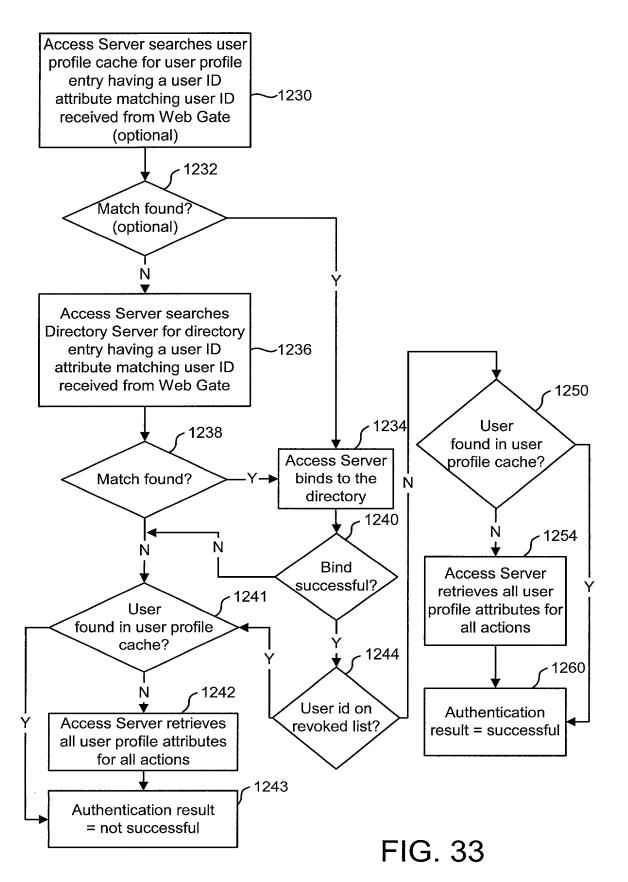


FIG. 37

Sheet 27 of 50 ACCESS SYSTEM INTERFACE

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660



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Docket: OBLX-01022US0 Atty: Phone:

Burt Magen (415) 369-9660

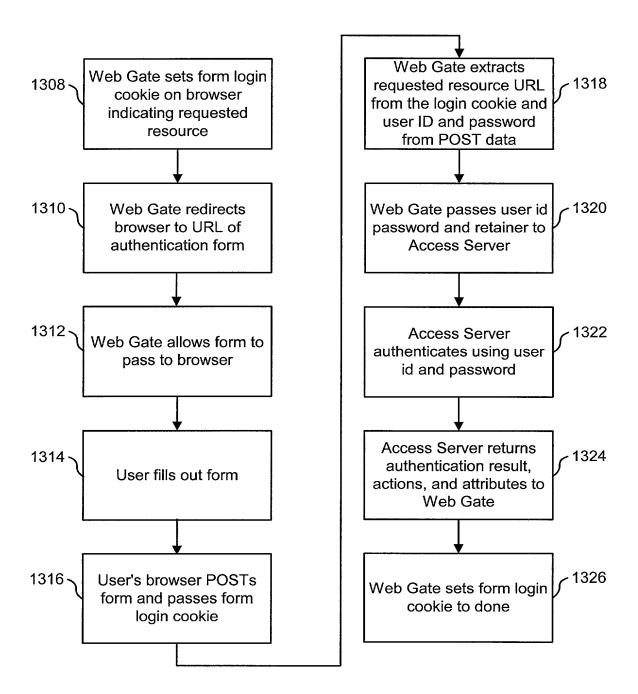


FIG. 34

Title: ACCESS SYSTEM INTERPOLICATION Applicant: Knouse, et al.
Appl. No.: Unknown
Filing Date: March 21, 2001
Express Mail No.: EF 277 209 419 US

Docket: OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-9660

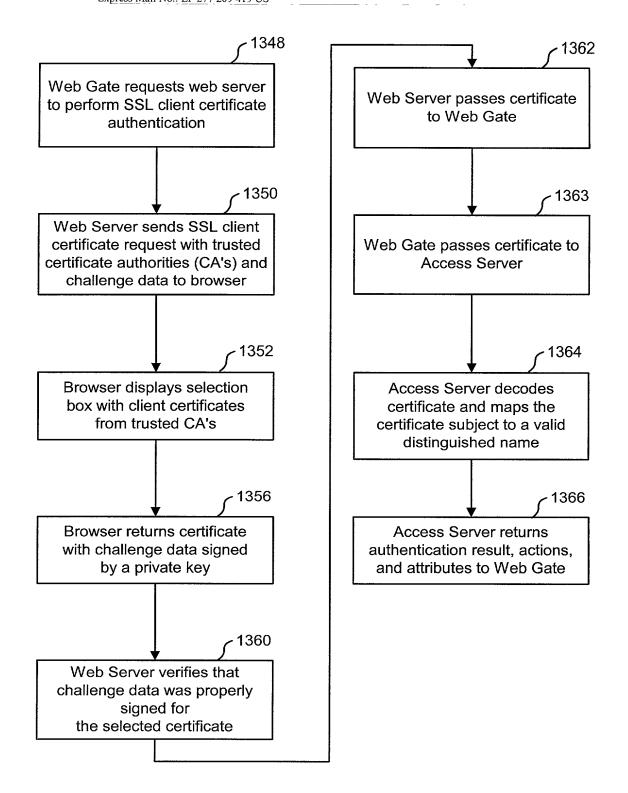


FIG. 35

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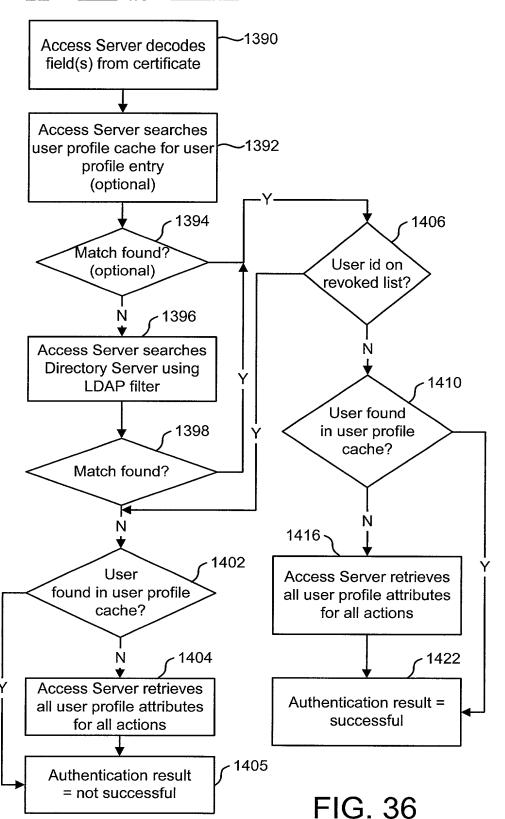
Appl. No.:

Sheet 30 of 50 Atty:

Phone:

Docket: OBLX-01022US0

Unknown Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US Burt Magen (415) 369-9660

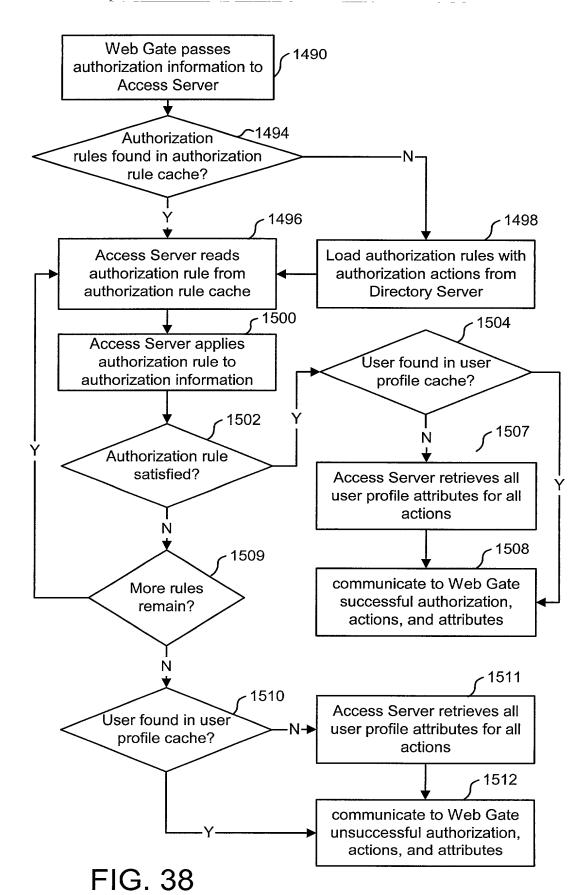


Knouse, et al. Unknown

Docket: Atty: Phone:

OBLX-01022US0 Burt Magen

Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US (415) 369-9660



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ACCESS SYSTEM INTERFACE

OBLX-01022US0 Applicant: Knouse, et al. Appl. No.: Burt Magen Unknown Atty: (415) 369-9660 Filing Date: March 21, 2001 Phone:

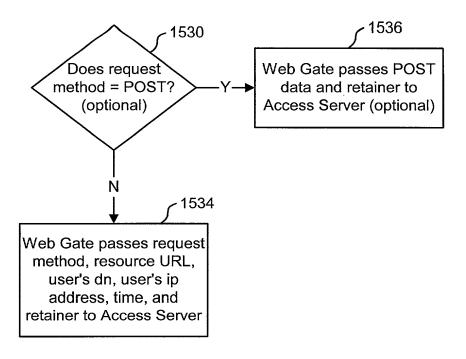


FIG. 39

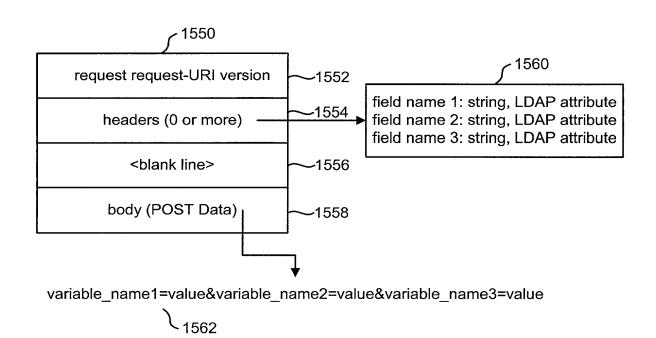


FIG. 40

Sheet 33 of 50

Title:ACCESS SYSTEM INTERFACEApplicant:Knouse, et al.Docket:OBLX-01022US0Appl. No.:UnknownAtty:Burt MagenFiling Date:March 21, 2001Phone:(415) 369-9660

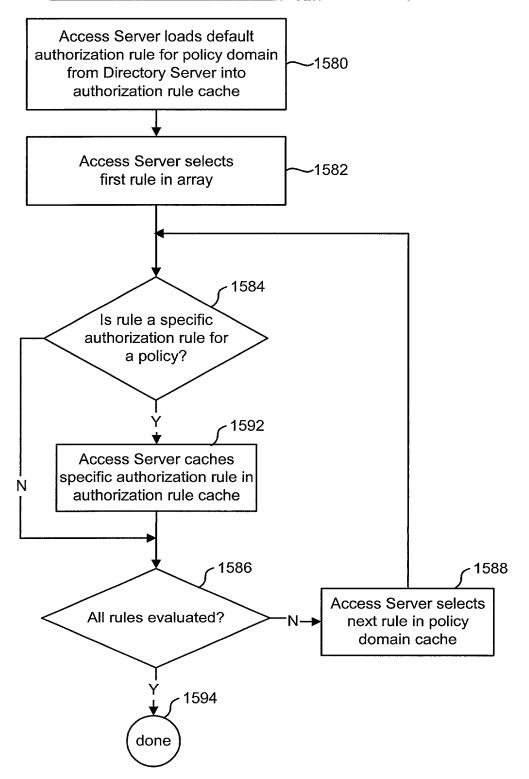


FIG. 41

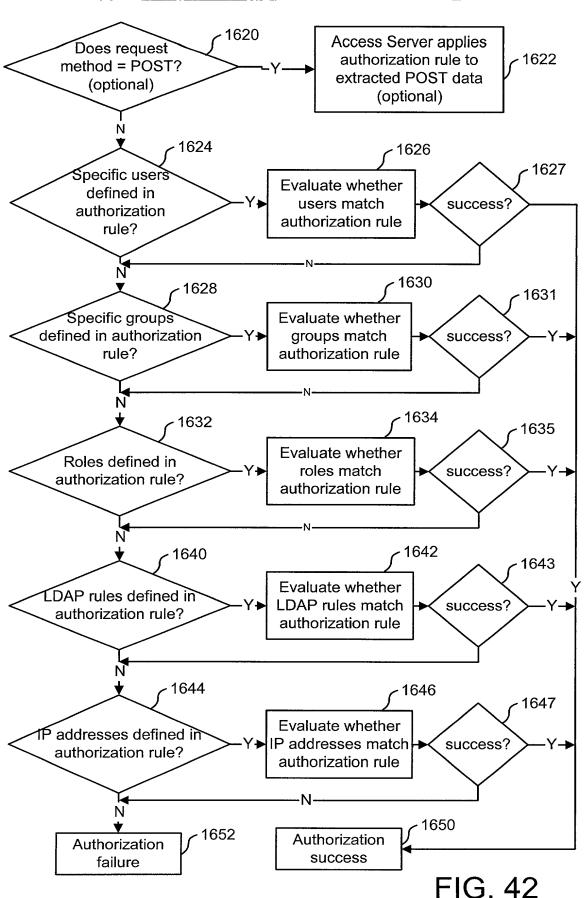
Applicant:

Knouse, et al. Appl. No.: Unknown

Docket: Attv: Phone:

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Filing Date: March 21, 2001 Express Mail No.: EF 277 209 419 US



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Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket
Appl. No.: Unknown Atty:

Appl. No.: Unknown Atty:
Filing Date: March 21, 2001 Phon
Express Mail No.: EF 277 209 419 US

Docket: OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-9660

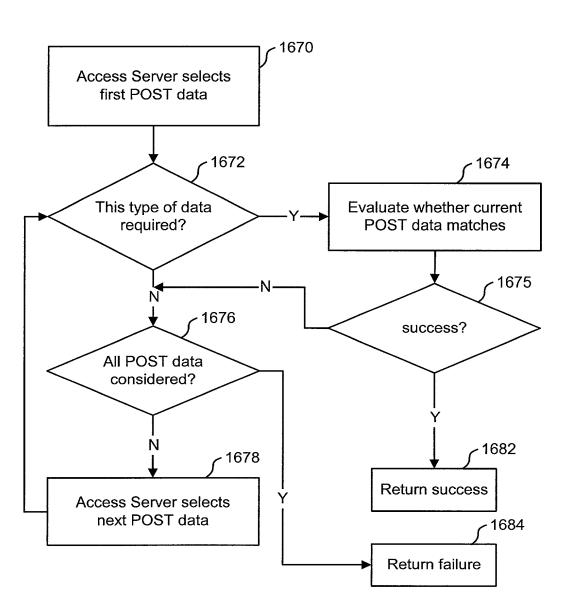


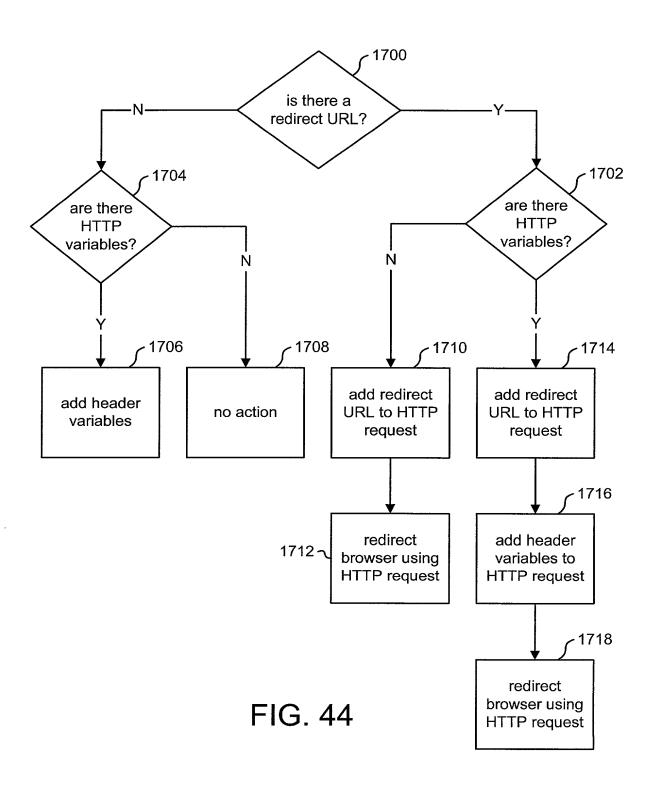
FIG. 43

Sheet 36 of 50 ACCESS SYSTEM INTERFACE

Title: ACCESS SYSTEM IN Applicant: Knouse, et al.

Applicant: Knouse, et al. Doel Appl. No.: Unknown Atty Filing Date: March 21, 2001 Phor

Docket: OBLX-01022US0 Atty: Burt Magen Phone: (415) 369-9660



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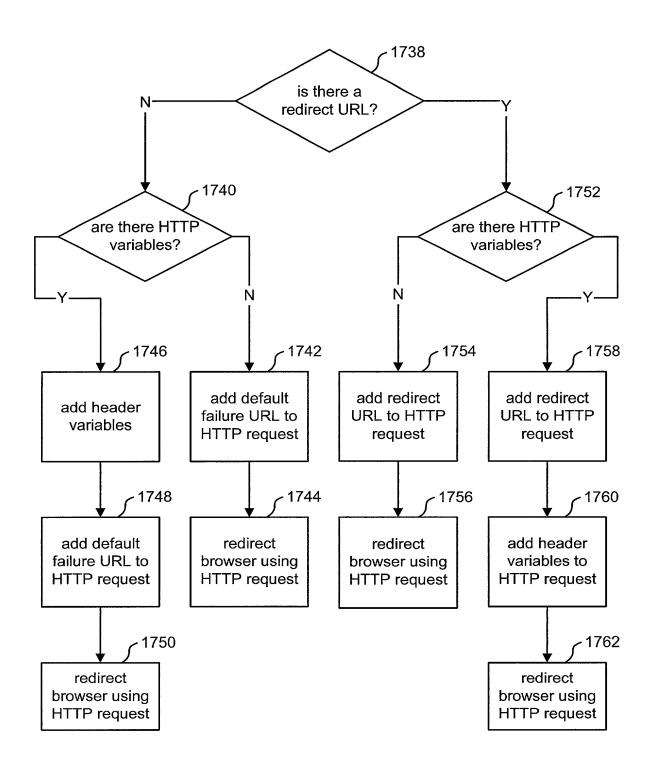


FIG. 45

Sheet 38 of 50

Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

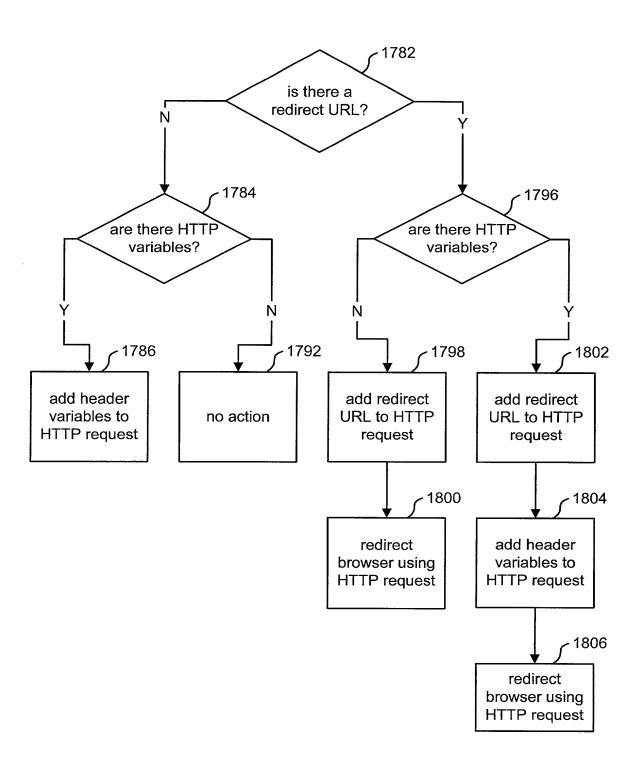
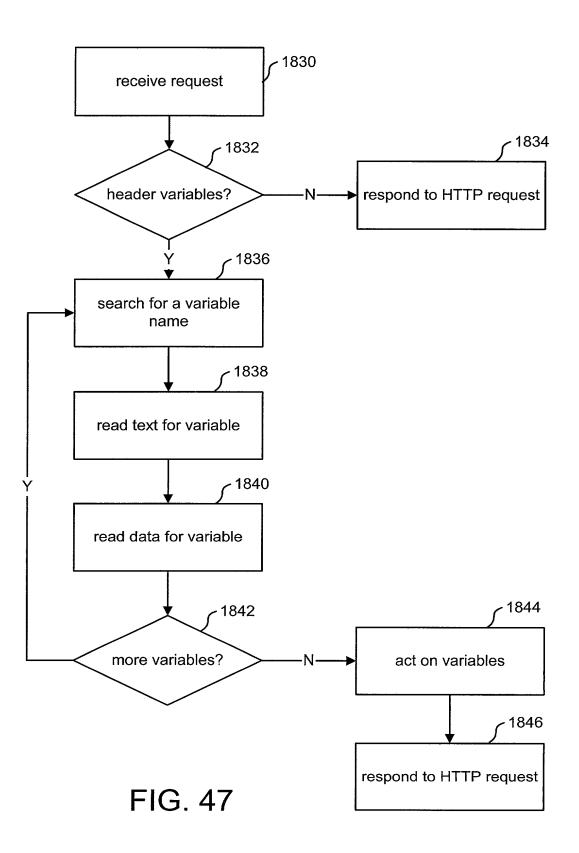


FIG. 46

Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660



Sheet 40 of 50 Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OB
Appl. No.: Unknown Atty: But
Filing Date: March 21, 2001 Phone: (41

et: OBLX-01022US0 Burt Magen e: (415) 369-9660

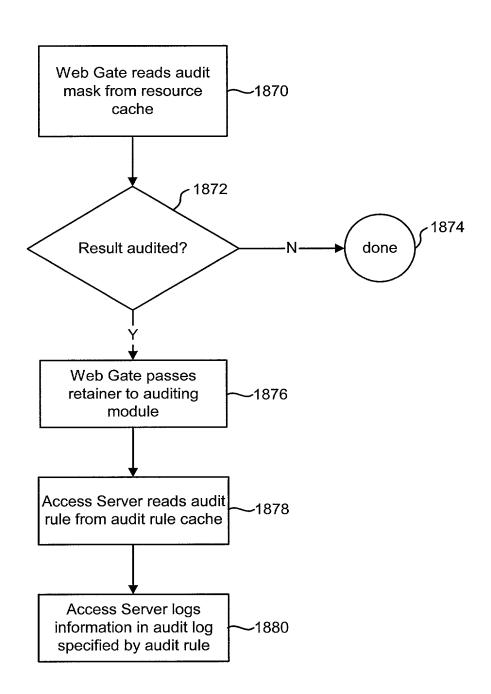


FIG. 48

Sheet 41 of 50 ACCESS SYSTEM INTERFACE

Title: OBLX-01022US0 Applicant: Knouse, et al. Docket: Burt Magen Appl. No.: Unknown Atty: Filing Date: March 21, 2001 (415) 369-9660 Phone:

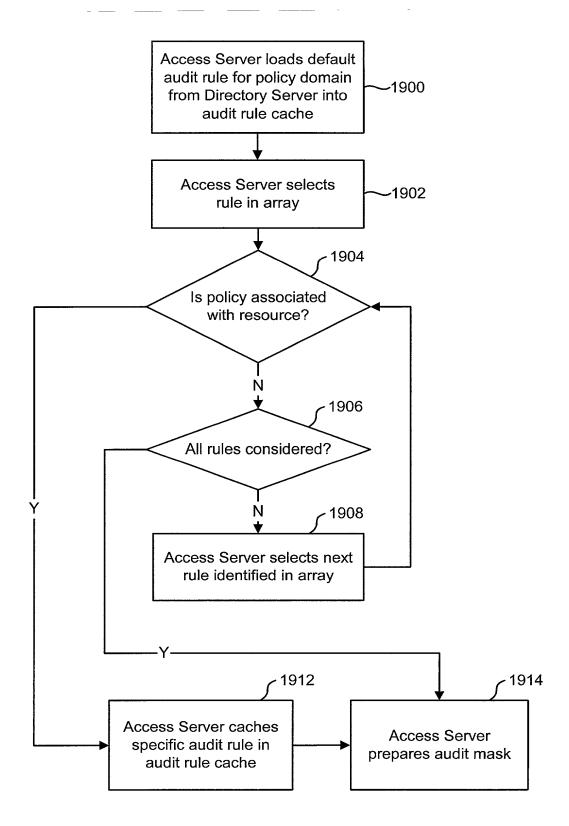


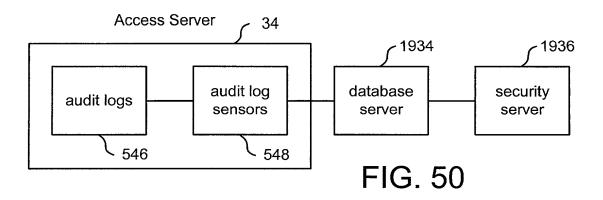
FIG. 49

Sheet 42 of 50 Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Appl. No.: Unknown Filing Date: March 21, 2001

OBLX-01022US0 Docket: Atty: Burt Magen Phone: (415) 369-9660

Express Mail No.: EF 277 209 419 US



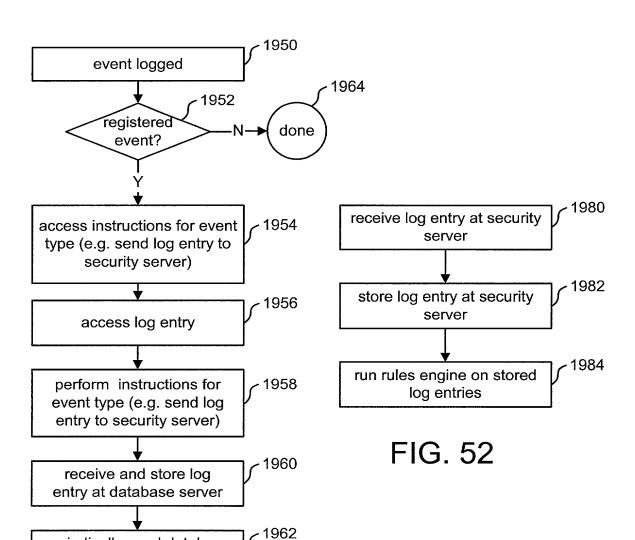


FIG. 51

periodically send database to security server

Sheet 43 of 50
Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

Access Manager detects change 2010 to data on Directory Server Access Manager reads previous Global Sequence Number (GSN) -2012 from Directory Server Access Manager assigns -2014 current GSN to the change and stores on Directory Server Access Manager stores current -2016 GSN on Directory Server Access Manager generates new -2018 synchronization (sync) record Access Manager transmits cache flush request and sync -2020 record to each Access Server

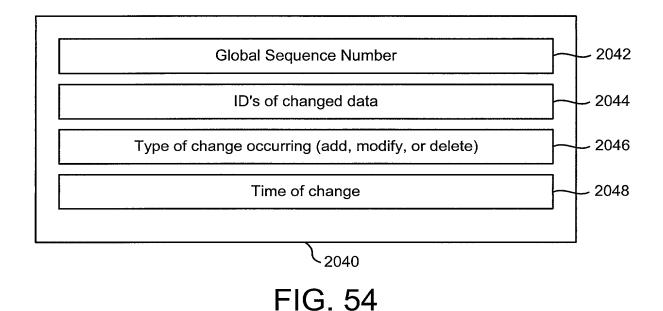
FIG. 53

Sheet 44 of 50
Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al.
Appl. No.: Unknown
Filing Date: March 21, 2001

Docket: OBLX-01022US0 Atty: Burt Magen

Atty: Burt Magen Phone: (415) 369-9660



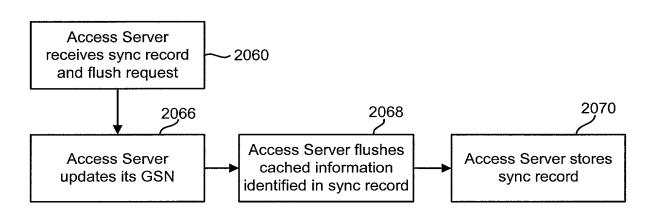


FIG. 55

Sheet 45 of 50 :: ACCESS SYSTEM INTERFACE

Title: ACCESS SYSTI Applicant: Knouse, et al. Appl. No.: Unknown Filing Date: March 21, 2001

Docket: C Atty: H Phone: (

OBLX-01022US0 Burt Magen (415) 369-9660

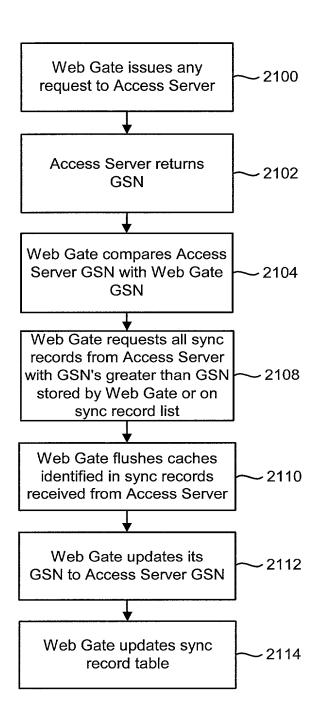


FIG. 56

Sheet 46 of 50
Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660

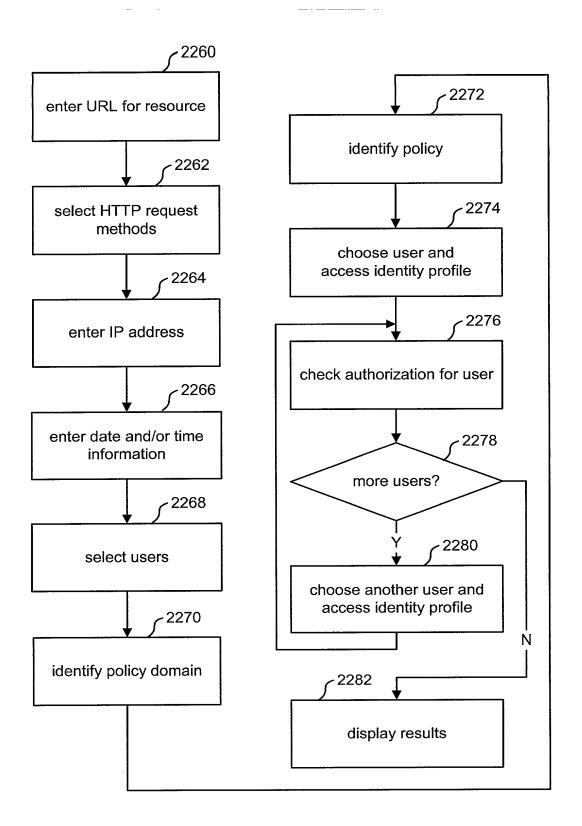


FIG. 57

Appl. No.:

Knouse, et al.

Docket: Atty:

OBLX-01022US0 Burt Magen

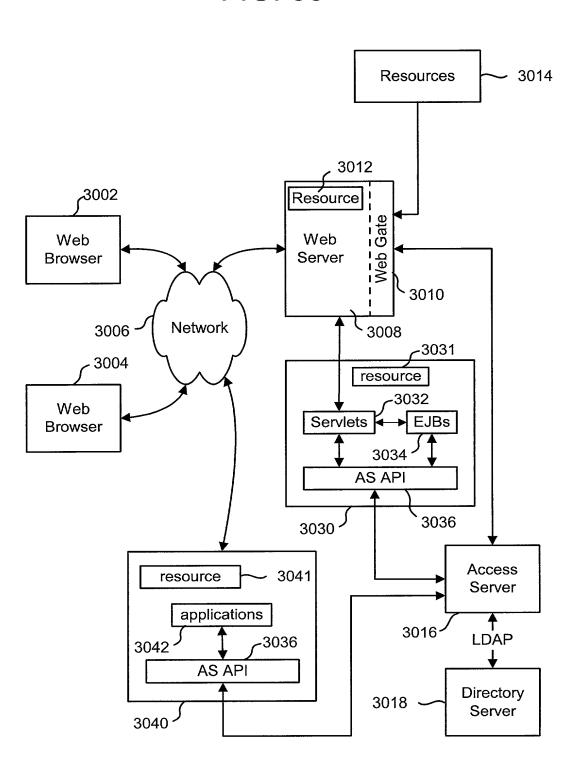
Unknown

Filing Date: March 21, 2001

(415) 369-9660 Phone:

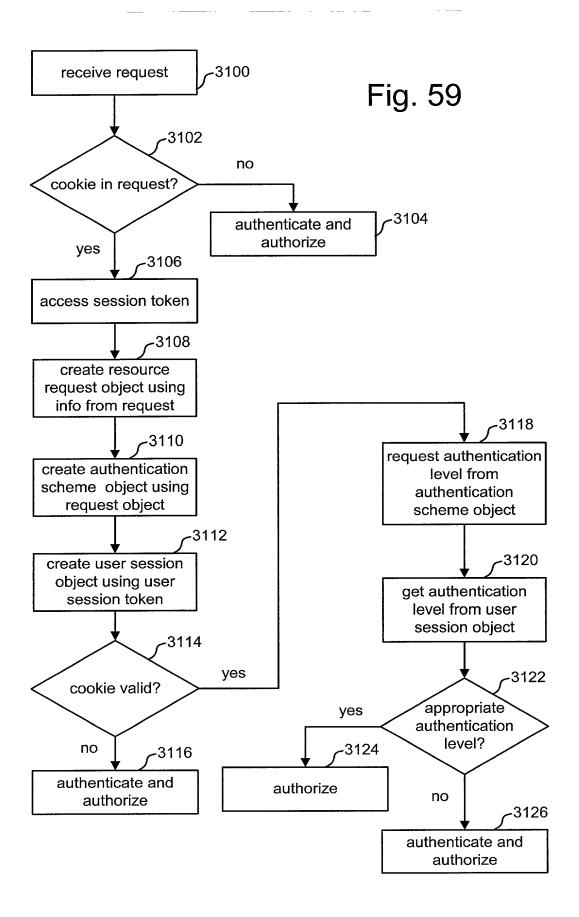
Express Mail No.: EF 277 209 419 US

FIG. 58



Sheet 48 of 50
Title: ACCESS SYSTEM INTERFACE

Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
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Title: AC

Sheet 49 of 50 ACCESS SYSTEM INTERFACE

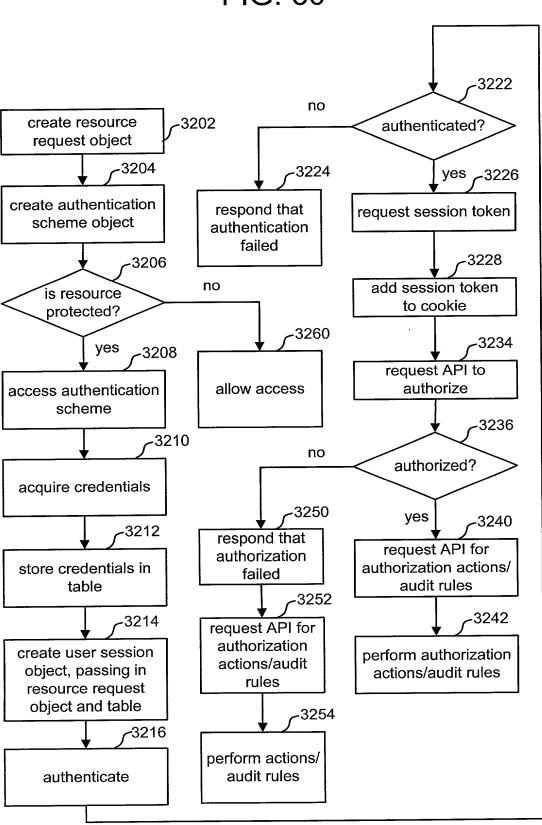
Applicant: Knouse, et al.
Appl. No.: Unknown

Docket: Atty: Phone:

OBLX-01022US0 Burt Magen (415) 369-9660

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FIG. 60



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